

CLAIMS

1. An anti-flutter grille bumper for a motor vehicle having a hood-mounted grille suspended above a front bumper, said front bumper attached to the frame of the motor vehicle, said anti-flutter grille bumper comprising:

5           a bracket attached to the frame of the motor vehicle, interior to the hood-mounted grille; and

              a resilient pad mounted on said bracket;

              such that said resilient pad forms an interference fit with the hood-mounted grille when the hood-mounted grille is in a closed position.

10          2. An anti-flutter grille bumper as in claim 1, wherein said bracket is attached to the front bumper of the motor vehicle.

              3. An anti-flutter grille bumper as in claim 1, wherein said grille is contoured to fit the anti-flutter grille bumper pad at the point of contact.

              4. An anti-flutter grille bumper as in claim 1, wherein said resilient pad is rubber.

15          5. An anti-flutter grille bumper for a motor vehicle having a hood-mounted grille suspended above an energy-absorbing front bumper, said anti-flutter grille bumper comprising:

              a bracket attached to the energy-absorbing front bumper of the motor vehicle, interior to the hood-mounted grille; and

20          a resilient pad mounted on said bracket;

              wherein, said resilient pad forms an interference fit with the hood-mounted grille when the hood is in a closed position.

              6. The anti-flutter grille bumper of claim 5 wherein the grille is contoured to fit the anti-flutter grille bumper pad at the point of contact.

25          7. The grille bumper of claim 5 wherein said resilient pad is rubber.

              8. A method of reducing flutter and vibration from a hood-mounted grille of a motor vehicle that is suspended above a frame-attached front bumper of the motor vehicle, said method comprising attaching at least one anti-flutter grille bumper to said vehicle frame, interior to said grille and forming an interference fit with said grille when  
30         the hood is shut.

9. A method of reducing flutter and vibration from a hood-mounted grille of an automobile that is suspended above an impact-absorbing front bumper, said method comprising attaching at least one anti-flutter grille bumper to said impact-absorbing front bumper interior to said grille forming an interference fit with said grille when the hood is  
5 shut.

10